

Title (en)

METHOD TO ENHANCE THE EFFICIENCY OF SYSTEMIC AAV GENE DELIVERY TO THE CENTRAL NERVOUS SYSTEM

Title (de)

VERFAHREN ZUR ERHÖHUNG DER WIRKSAMKEIT DER SYSTEMISCHEN ABGABE VON AVV-GENEN AN DAS ZENTRALE NERVENSYSTEM

Title (fr)

PROCÉDÉ POUR AMÉLIORER L'EFFICACITÉ DE L'ADMINISTRATION AU SYSTÈME NERVEUX CENTRAL D'UN GÈNE AAV PAR VOIE SYSTÉMIQUE

Publication

EP 3411059 A1 20181212 (EN)

Application

EP 17748143 A 20170202

Priority

- US 201662289961 P 20160202
- US 2017016194 W 20170202

Abstract (en)

[origin: WO2017136536A1] The disclosure relates, in some aspects, to compositions and methods for enhanced delivery of a transgene to the central nervous system (CNS) of a subject. In some embodiments, the transgene is delivered by recombinant AAV (rAAV). In some embodiments, the method of enhancing transgene delivery comprises administering a blood brain barrier (BBB)-crossing molecule (e.g., K16ApoE) and an rAAV comprising a transgene to a subject.

IPC 8 full level

A61K 38/10 (2006.01); **A61K 38/16** (2006.01); **C12N 5/10** (2006.01); **C12N 15/63** (2006.01); **C12N 15/64** (2006.01); **C12N 15/79** (2006.01); **C12N 15/86** (2006.01); **C12N 15/864** (2006.01); **C12N 15/867** (2006.01); **C12N 15/869** (2006.01)

CPC (source: EP US)

A61K 9/0085 (2013.01 - EP US); **A61K 31/351** (2013.01 - EP US); **A61K 31/4706** (2013.01 - EP US); **A61K 31/5415** (2013.01 - EP US); **A61K 31/7016** (2013.01 - EP US); **A61K 38/1709** (2013.01 - EP US); **A61K 47/42** (2013.01 - US); **A61K 47/62** (2017.08 - EP US); **A61K 47/6455** (2017.08 - EP US); **A61K 48/0008** (2013.01 - US); **A61P 25/00** (2018.01 - EP); **A61P 25/28** (2018.01 - EP); **C07K 14/775** (2013.01 - EP US); **C12N 15/63** (2013.01 - EP US); **C12N 15/64** (2013.01 - EP US); **C12N 15/79** (2013.01 - EP US); **C12N 15/86** (2013.01 - EP US); **C07K 5/0808** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US); **C07K 2319/33** (2013.01 - EP US); **C12N 2750/14143** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017136536 A1 20170810; CA 3011939 A1 20170810; EP 3411059 A1 20181212; EP 3411059 A4 20191016; US 11826433 B2 20231128; US 2019038773 A1 20190207; US 2024139340 A1 20240502

DOCDB simple family (application)

US 2017016194 W 20170202; CA 3011939 A 20170202; EP 17748143 A 20170202; US 201716074968 A 20170202; US 202318490841 A 20231020